BUREAU OF LAND MANAGEMENT and CALIFORNIA ENERGY COMMISSION

Stirling Engine Systems Solar Two Project

Application for Certification Stirling Engine Systems Solar Two, LLC 08-AFC-5

INFORMATIONAL HEARING & SCOPING MEETING

BLM Rights-of-Way Application CACA-47740 November 24, 2008



Christopher Meyer, CEC Project Manager Jim Stobaugh, BLM Project Manager



BLM's Role

BLM Permitting Authority

- ❖ Administration of public lands under Federal Land Policy and Management Act (FLPMA)
- Review of land use planning and processing of Land Use Plan Amendment
- California Desert Conservation Plan (1980)
- Issuance of right-of-way grants for use of federal land
- Lead federal agency for National Environmental Protection Act (NEPA), National Historic Preservation Act, and other federal law compliance



Energy Commission's Role

- Energy Commission permitting authority
 - Thermal power plants 50 megawatts or greater
 - Related facilities
 - transmission lines
 - substations
 - water supply systems
 - natural gas pipelines
 - waste disposal facilities
 - access roads
 - Lead state agency for California Environmental Quality Act (CEQA)



Local, State and Federal Coordination

- BLM and Energy Commission Staff work closely with local, state and federal agencies, for example:
 - Local: City or Township, if any
 - Regional: Imperial County
 - State: Department of Fish and Game, Regional Water Quality Control Board, Office of Historic Preservation, Native American Heritage Commission
 - Federal: Environmental Protection Agency, Fish and Wildlife Service, and National Parks Service



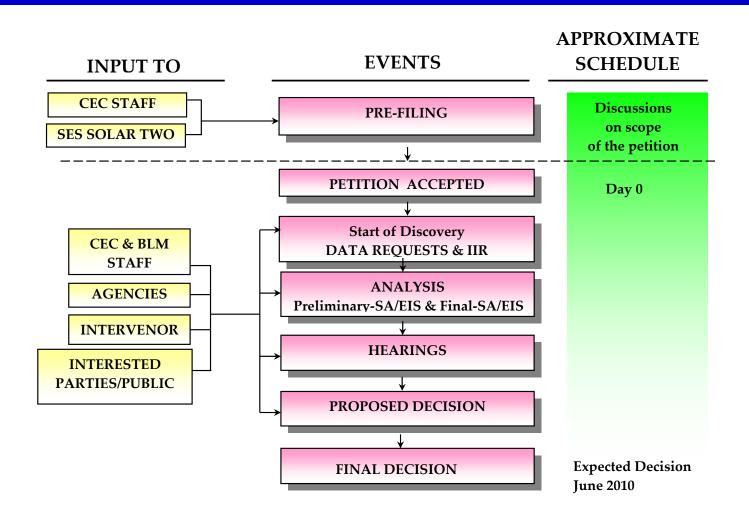


Overview of Licensing Process

- 1. Data Adequacy
 - Minimum requirements to accept application
- 2. Staff Discovery and Analyses
 - Data requests
 - Issues Identification
 - Public Workshops
 - Preliminary and Final Staff Assessments
- 3. Committee Evidentiary Hearing and Decision
 - Evidentiary Hearings on FSA and other information
 - Presiding Member's Proposed Decision (PMPD)
 - PMPD hearing and Commission decision



California Energy Commission Process



Discovery and Analysis Process

- Determine if proposal complies with Laws, Ordinances, Regulations, Standards (LORS)
- Conduct engineering and environmental analysis
 - identify issues
 - evaluate alternatives
 - identify mitigation measures
 - * recommend conditions of certification
- Facilitate public and agency participation
- Staff products: Preliminary Staff Assessment (PSA) and Final Staff Assessment (FSA)
- Make recommendations to the Committee





Evidentiary Hearing & Decision Process

- Committee conducts hearings on all information
 - Issues Presiding Member's Proposed Decision (PMPD)
 - PMPD contains findings relating to:
 - Environmental impacts, public health, engineering
 - Project's compliance with LORS
 - Recommends conditions of certification
 - Recommends whether or not to approve the project
- Full Commission makes decision
- Energy Commission monitors compliance with all conditions of certification, for the life of the project and closure







BLM Solar Energy Development Policy



- ❖ WO IM No. 2007-097 (April 4, 2007)
- Policy: facilitate environmentally responsible commercial development of solar energy projects on public lands.
- ROW applications for solar energy projects are a high priority and will be processed in a timely manner.
- If approved, authorize under Title V of FLPMA.
- Rent established by appraisal.
- Information on solar energy technology is available at: http://www.eere.energy.gov/RE/solar.html or http://www.nrel.gov.



Ref. Handout WO- IM No. 2007- 097



Summary of BLM ROW Processing and Administration

BLM:

- Regulations: 43 CFR 2800
- Right-of-Way Toolkit Information:
 - General ROW http://www.blm.gov/wo/st/en/prog/energy/cost recovery regulations.html
 - Solar ROW http://www.blm.gov/wo/st/en/prog/energy/solar energy.html





BLM Authorized Officer's Role

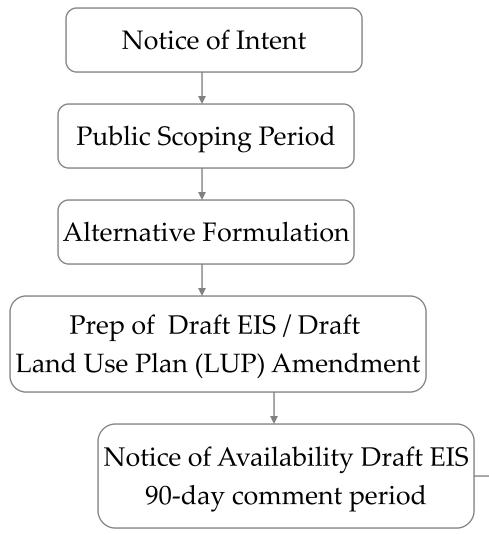
- Initial Response to Proposal
- Pre-application Screening
- Accept Application or Reject Proposal
- Process Application / Land Use Plan Amendment
- Conduct Scoping
- Prepare NEPA EIS document/LUP Amendment
- Decision on Application / Approve LUP Amendment
- Authorize the Use

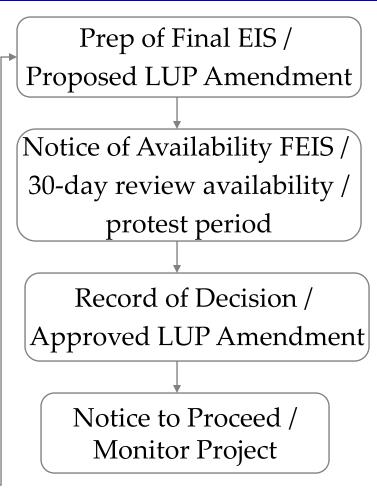


Administer through Termination



BLM NEPA EIS / LUP Amendment Process





Energy Commission Contacts and Web Site

- Committee Assigned
 - Jeffrey Byron, Commissioner, Presiding Member
 - Jackalyne Pfannenstiel, Chairman, Associate Member
- California Energy Commission Staff
 - Raoul Renaud, Commission's Hearing Officer
 - (916) 654-5103, e-mail: raoul.renaud@energy.state.ca.us
 - Christopher Meyer, Project Manager
 - (916) 653-1639 e-mail: christopher.meyer@energy.state.ca.us
 - Web page: www.energy.ca.gov/sitingcases/solartwo
 - Public Adviser's Office
 - (916) 654-4489 or (800) 822-6228
 - e-mail: PublicAdviser@energy.state.ca.us





BLM Contacts and Comment Web Site

Jim Stobaugh, Project Manager

Phone: (775) 861-6478

e-mail: jim_stobaugh@blm.gov

❖ BLM Web Page:

http://www.blm.gov/ca/st/en/fo/elcentro/nepa/stirling.html

Scoping comments to:

SES Solar Two Scoping Comments

c/o Christopher Meyer, Project Manager

California Energy Commission

1516 9th Street, MS-15

Sacramento, CA 95814-5512

Or email comments to:



christopher.meyer@energy.state.ca.us (attention Solar Two)



Public Participation Information

- Open Public Process
 - Workshops and Hearings noticed at least 15 days in advance
 - Mailing lists
 - List Server: www.energy.ca.gov/listservers
- Documents are available for public review at:
 - Public Libraries in Imperial County, Eureka, Sacramento, San Francisco, Fresno, Los Angeles and San Diego
 - Energy Commission Library in Sacramento
 - Energy Commission Web site: www.energy.ca.gov/sitingcases/solartwo
 - Dockets Unit at the Energy Commission 1516 9th Street, MS - 4 Sacramento, CA 95814-5512





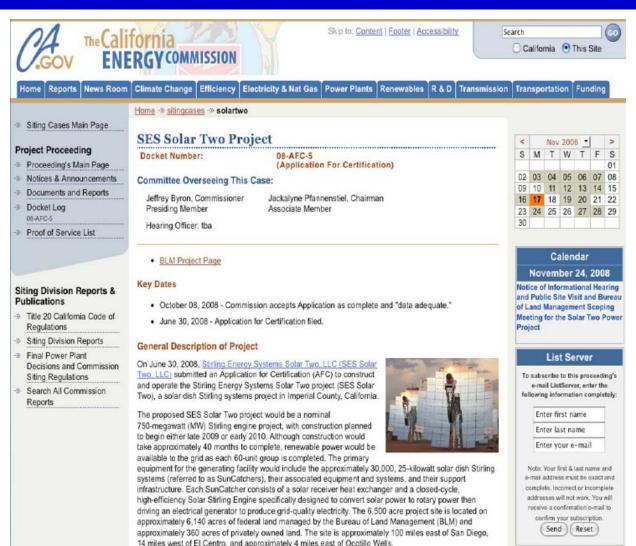
Public Participation Opportunities

- Submit written comments or statements to the Commission
- Provide oral comments at public meetings
- Participate in workshops
- Become a formal intervenor (Contact Public Advisor's Office)
- Provide written comments on Scoping, the PSA/DEIS, FSA/FEIS and PMPD





Energy Commission Project Web Page





BLM Project Web Page





STAFF ISSUES IDENTIFICATION REPORT

Purpose

- Inform Participants of Potential Issues
- Early Focus
- Not Limiting

Criteria

- ❖ Amendment Petition
- Data Requests
- Information provided by Agencies or other Participants at this point in the process





Potential Issue Areas SES Solar Two Project

- Cultural Resources
- Land Use
- Visual Resources
- Cumulative Effects and Alternatives





Cultural Resources Potential Issues

- High Frequency of Cultural Resources (number and density)
- Potential for Unanticipated Discoveries
- Mitigation of Potential Significant Impacts
- Cumulative Impacts





Land Use Potential Issues

- Exclusive use of 6,140 acres of public land could eliminate other BLM authorized land uses
- Land within the 360-acre portion of private land designated as Recreation/Open Space
- Cumulative Impacts





Visual Resources Potential Issues

- New intrusions on the landscape from 30,000 SunCatchers on over 6,500 acres
- Development of VRM classification





Cumulative Effects and Alternatives Issues

- ❖ NEPA and CEQA requirements for analysis of the environmental impacts of the proposed project and other proposed projects in the desert would include a cumulative effects review of all proposed projects.
- Alternatives to a proposed project including no action.





PROPOSED SCHEDULE

DATE	MILESTONE/EVENT
8-Oct-2008	Commission determined AFC is complete
14-Nov-2008	Staff filed Data Requests Set 1
17-Nov-2008	Staff filed Issues Identification Report
24-Nov-2008	Informational Hearing/Scoping Meeting and Site Visit
9-Dec-2008	Applicant Files Data Responses
18-Dec-2008	Data Response Issue Resolution Workshop/Scoping
15-Jan-2009	Staff filed Data Requests Set 2
15-Feb-2009	Applicant Files Data Responses Set 2
5-Mar-2009	Staff files Preliminary Staff Assessment (PSA)/DEIS
26-Mar-2009	PSA/Draft EIS Workshop
5-Jun-2009	Close BLM Comment Period on Draft EIS
1-Sep-2009	Staff files Final Staff Assessment (FSA)/EIS
TBD	Committee conducts Evidentiary Hearing
TBD	Presiding Member's Proposed Decision (PMPD)
TBD	Committee Hearing on the PMPD
TBD	BLM Files Record of Decision (ROD)
TBD	Committee files revised PMPD

Commission Decision



TBD



Staff's Proposed Schedule

- Meeting this schedule will depend on:
 - Applicant's timely response to staff's data requests
 - Determinations by other local, state, and federal agencies
 - Timely preparation of required documents
 - Protests received during the NEPA comment period



Other factors not yet known

